Urban District of Bolsover.

ANNUAL REPORT

ON THE

Health and Sanitary State of the District,

For the Year 1920.

Printed by Geo. Kent, Station Road, Bolsover & High Street, Clowne

With the Compliments of
The Medical Officer of Health

Urban District Council of Bolsover.

DECEMBER 31st, 1920.

COUNCILLOR J. BINGLEY, (CHAIRMAN),
" G. R. ADIN,
" J. H. ADSETTS,
" J. T. BAGSHAW,
" H. W. DAY,
" T. G. EADSON,
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" J. SHELTON,
" J. SIDEBOTHAM,
" J. STREET,
" M. STUBBINS,
" T. WALSH.

HEALTH DEPARTMENT.

Medical Officer of Health :

WILLIAM STRATTON, L.R.C.S.I., L.R.C.P.I.

Sanitary Inspector & Cleansing Superintendent :

WALTER ELLIS, C.R.S.I.

ENGINEER'S & HIGHWAYS DEPT.

Surveyor : SYDNEY HOTEN.

HOUSING DEPARTMENT.

Architect : SYDNEY HOTEN.

URBAN DISTRICT OF BOLSOVER.

STATISTICAL SUMMARY:

Area of District in Acres (inclusive of water) ...	4955
Rateable Value...	£48,227
General District Rate (for the year)... ...	6s.10d. in the £
Geology... ...	Upper levels on Magnesion Limestone Lower levels on Coal Measures.
Altitude...	225 to 581 feet above sea level
Total mileage of Roads within the District ...	29·125
Population (1820)	1,043
Population (Census of 1901)	6,844
Population (Census of 1911)	11,214
Population (end of 1920)	11,484
Number of Inhabited Houses (1820)	244
Number of Inhabited Houses (1920)	2·232
Number of New Houses erected (1920)	1
Chief Occupation of Inhabitants	Coal Mining
Number of Births ...	(Males 209, Females 198) 407
Birth Rate (1920)	35·14
Number of Deaths	(Males 75, Females 56) 131
Death Rate (1920)	11·41
Epidemic Disease Death Rate	·95
Enteric Diseases and Diarrhœa Death Rate ...	·17
Phthisis Death Rate	·61
Respiratory Diseases Death Rate	2·09
Infantile Mortality, per 1,000 births	56·51
Recreation Ground	Hornscroft
Smallpox Hospital	Spital, Chesterfield
Isolation Hospitals	Dronfield, Mastin Moor, Langwith, Morton and Penmore.
Tuberculosis Dispensary	Brimington Road, Chesterfield
Tuberculosis Sanatorium	Walton, Chesterfield

Urban District Council of Bolsover.

To the Chairman and Members of the
Bolsover Urban District Council.

Gentlemen,

I have much pleasure in submitting to you the following Report upon the Health and Sanitary Condition of the District for the year ending December 31st, 1920.

I am, Gentlemen,

Your obedient Servant,

WILLIAM STRATTON,

Medical Officer of Health.

May, 1921.

Report of the Medical Officer of Health for the Year 1920.

BIRTHS.

407 Births were registered (209 Boys and 198 Girls), so that there is no very great preponderance of boys ; the difference being only 11. During 1919 the number of births was 261 (Boys 135, Girls 126). The Birth Rate for 1920 is 35·44 and for 1919 it was 22·69, a difference in favour of 1920 of 12·75. This is very satisfactory and more like our pre-war figures.

The Registrar General's estimate of the population of the District for Births and Deaths is 11,484.

DEATHS.

131 Deaths occurred. Five of these were due to violence apart from suicide. Tubercular diseases were responsible for 9 deaths, and Malignant disease (Cancer) caused 8 deaths. No deaths were attributed to Influenza, which caused 13 deaths during 1919.

Deaths of residents occurring outside the district : 23.

INFANTILE MORTALITY.

23 Deaths occured in children under one year of age, making a rate per 1,000 births of 56·51.

This is a very welcome drop in the infantile death rate. The number of deaths in infants during 1919 was 45 and the infantile death rate 172·4. I trust the rate for 1921 will be as satisfactory if not more so.

The rate for this district is the fifth lowest among the Urban District of the County, the following being the order :

North Darley	28·17
Heage	30·00
Buxton (Borough)	42·64
Ashbourne	54·05
Bolsover	56-51

MATERNITY & CHILD WELFARE.

There are two Babies' Welcomes open ; one at Bolsover and the other at New Bolsover. Both are under the control of the County Council. Good work is being done at both centres.

INFECTIOUS DISEASES.

The following table shows the number of Infectious Diseases and the number of cases removed to Hospital during the year :—

Diseases.	No. Notified.	No. removed to Hospital
Diphtheria & Membranous Croup	88	71
Scarlatina	42	29
Erysipelas	22	0
Malaria	5	0
Pneumonia	42	0
Puerperal Fever	2	2
Enteric Fever	2	0
Ophthalmia Neonatorum	1	0
Acute Ant. Poliomyelitis	0	0
Tuberculosis, all forms	18	0
Encephalitis Lethargica	1	1

Return Cases ... None.

TUBERCULOSIS.

The district stands well as regards freedom from Phthisis. The number of cases notified was 16. Phthisis caused 7 deaths, making a death rate per 1,000 per annum of ·61. The Tuberculosis Dispensary, Chesterfield, serves for patients from this district, and almost every case attends there for consultation and treatment, and admission to Sanatorium at Walton if thought suitable.

VENEREAL DISEASES.

Special treatment is provided at the Venereal Clinic, Chesterfield. Morning and afternoon sessions have been arranged on two days per week.

SMALLPOX.

Nil.

SCARLATINA.

42 cases were notified. No deaths. The cases occurred in all portions of the parish. 29 cases were removed to hospital and immediate disinfection of infected premises carried out.

In the present overcrowded conditions of most houses it is quite impossible to even attempt isolation at home.

The type of this disease is certainly getting milder, and although 84 cases were reported during 1919 and 1920, not a single death was attributable to this disease.

ERYSIPELAS.

22 cases reported. No special remarks are called for. There were no deaths from this disease.

PUERPERAL FEVER.

2 cases were reported, one of which ended fatally. Both cases were removed to hospital.

MEMBRANOUS CROUP & DIPHTHERIA.

88 cases were reported and 71 were removed to hospital. Diphtheria caused 6 deaths. Diphtheria Antitoxin is provided free by the Council.

Cases were reported every month in the year. I would urge once more that prompt steps should be taken to convert all existing privy-middens into water closets. Unless such work is undertaken, I do not think we can hope for much diminution in the number of cases in future.

Search was made for Carriers in several of the Schools and many such were found. These children were excluded until the throat swabs were negative.

ENTERIC FEVER.

2 cases occurred, one of which ended fatally.

MALARIA.

5 cases reported, all in discharged soldiers.

OPHTHALMIA NEONATORUM.

One case reported. No permanent damage to the eyesight resulted.

ACUTE ANTERIOR POLIOMYELITIS.

No cases reported.

ENCEPHALITIS LETHARGICA.

One case was reported. The case did not end fatally, but left permanent defects, i.e. : Confused intellect and difficulty in locomotion. Bacteriological examinations of urine, blood and fæces were made, but nothing definite was discovered.

This case was for some time treated as an in-patient at the Royal Hospital, Sheffield, under the care of Dr. Arthur J. Hall.

SCABIES.

Several cases came under my notice, but they were not nearly as numerous as during 1919.

CHEMICAL & BACTERIOLOGICAL WORK.

This work is undertaken at the County Council Laboratory, Derby, and the following table shows the number of specimens sent for examination and the results obtained :—

	Positive.	Negative.	Totals.
Diphtheria	27	34	61
Tuberculosis (Sputum)	10	28	38
Enteric Fever	1	5	6
Blood for Malaria	0	0	0
Blood and Fæces in case of Encephalitis Lethargica ...	0	3	3
Totals	38	70	108

DISINFECTION.

During the year, 119 infected rooms were disinfected All the rooms were fumigated by Formaldehyde.

250 householders were supplied with disinfectant from the Health Department.

GENERAL REPORT.

WATER SUPPLY.

The public supply is derived from the works of the Railway Company in carrying the railway through the water shed dividing the Doe Lea from the river Poulter.

The supply belonging to the Bolsover Water Works Co., is constant, satisfactory in quality and being very hard there is practically no risk of plumbo-solvent action. No case of lead poisoning was reported duriug the year.

1411 houses have now the public supply laid on as follows :

Bolsover Area	711
Carr Vale Area	406
Shuttlewood & Stanfree Area	294

4 houses had the public supply laid on during the year.

Ten samples of private drinking waters were collected and submitted to the County Analyst during the year, and all were found to be of unsatisfactory quality.

SCHOOLS.

There are 7 schools within the District. The public water supply is laid on to the schools. Visits have been paid by your Sanitary Inspector to all the schools, and sanitary defects found have had attention. The Derbyshire County Council control the medical inspection.

MILK SUPPLY.

Almost the whole of the milk produced in the District is sold within it. A quantity of milk is also brought into the District from outlyiug areas. 28 persons are registered under the Orders as milksellers. No cows were condemned for Tuberculosis. There has been no definite evidence of any disease being attributable to the supply or distribution of milk during the year.

SALE OF FOOD & DRUGS ACTS.

The provisions of these Acts are carried out by the Derbyshire County Council.

MILK & CREAM REGULATIONS.

The provisions of these Regulations are carried out by the Derbyshire County Council.

MILK (MOTHERS' & CHILDRENS') ORDERS.

No action has been necessary under these Orders.

RIVERS & STREAMS.

There has been an absence of pollution during the year.

AIR POLLUTION.

During the year the District has been free of nuisances arising through the pollution of the air by smoke or other noxious vapours.

SCAVENGING.

The important work of house refuse collection and disposal has been efficiently carried out during the year.

In the collection of the refuse, a large saving of time and a betterment of the public health would result from the transition of privies into water closets and the substitution of ashpits by properly covered dust-bins.

The present system of disposing of refuse is in need of improvement. Strict attention has been paid during the year to tips to prevent, as far as possible, nuisances arising, but the method of tipping is one that raises many objeetions.

The question of refuse disposal was ably dealt with in a recent special report by your Sanitary Inspector and Cleansing Superintendent.

HOUSING.

Total number of Houses in the district	2232
Number for Working Classes	2182
New Houses erected for Working Classes during year	1
Population	11484
No. of Dwelling Houses inspected under Housing Acts	50
No. of Dwelling Houses found with defects for which notices were served to carry out works... ...	50
Number of Closing Orders made	None
Number of Demolition Orders made	None

OVERCROWDING.

Prevalent in the district, caused by shortage of houses, necessitating more than one family per house. The carrying out of the Housing Scheme will remove this trouble.

FITNESS OF HOUSES.

Many houses in Old Bolsover very much below standard. Standard of houses in district generally good.

SANITARY INSPECTION.

812 inspections were made by your Sanitary Inspector during the year. 298 nuisances were found, 283 of these being abated and the remaining nuisances being in hand at the end of the year.

105 Informal and 8 Statutory Notices were served for the removal of nuisances.

No legal proceedings were instituted.

Numerous inspections and works carried out in respect of Slaughterhouses, Offensive Trades, Cowsheds, Food Inspection, Factories and Workshops, and many other matters that have received attention in the Health Department are dealt with by the Sanitary Inspector in his report.

SEWERS, SEWAGE DISPOSAL & HIGHWAYS.

Matters relating to Housing, Sewage Disposal, Sewerage and Drainage, Highways, Water Supplies, and various other works carried out in the Engineer's Department during 1920 are fully dealt with in the attached report of your Surveyor.

ADOPTIVE ACTS IN FORCE IN THE DISTRICT.

Infectious Disease (Notification) Act, 1885.
Infectious Disease (Prevention) Act, 1890.
Public Health Act Amendment Act 1890, Parts 2 and 3.
Private Streets Works Act, 1892.
Public Health Acts Amendment Act, 1907, Parts 2, 3, 4, 5, and Section 95, Part 10.

TABLES.

The tables placed before you give the Vital Statistics for all Urban and Rural Districts in the County of Derby; the Birth and Death Rates and Analysis of Mortality during 1920 for England and Wales; and the Vital Statistics for the Urban District of Bolsover.

Sanitary Inspector's Report for 1920.

To the Chairman and Members of the
Bolsover Urban District Council.

Gentlemen,

I have the honour to present to you the following Report on the work accomplished in the Health Department during the year ending December 31st, 1920.

I am, Gentlemen,

Your obedient Servant,

WALTER ELLIS,

Sanitary Inspector

Health Dept.,
Council Offices,
Bolsover,
May, 1921.

Sanitary Inspector's Report for 1920.

INSPECTIONS & NUISANCES DEALT WITH.

Total number of Inspections made	812
Total number of Nuisances found	298
Number of Nuisances abated	283
Number of Nuisances in hand at end of year ...	15
Number of Complaints received and dealt with ...	52

NOTICES & CORRESPONDENCE.

Number of Informal Notices served	105
Number of Statutory Notices served...	8
Number of times Legal Proceedings were instituted	None
Number of Letters and Communications sent out in connection with the work of the Health Dept. ...	211

SANITARY WORKS & IMPROVEMENTS.

Defective Drains removed	72
New Drains laid	76
Choked Drains cleansed	22
Gulley Traps affixed	104
Sink Waste-Pipes repaired	41
Rain-Water Conductors repaired	10
Water Closets Repaired	14
Closets provided with new Pails	49
Ashpits replaced with Dust-Bins	4
Ashpits repaired	8
Defective Dust-Bins replaced	18
Dampness of houses remedied	5
House Roofs repaired	11
House Floors repaired	7
Yard Surfaces repaired	12
Accumulations removed	1
Nuisances arising through Animals abated ...	2
Dirty premises cleansed	7

HOUSING.

Number of houses inspected under the Housing Act	50
Number of houses found free of defects	None
Number of houses found with defects	50
Number of defects discovered and dealt with ...	98

CLOSET ACCOMMODATION.

Ward.	No. of Water Closets.	No. of Pail Closets.	No. of Privies.
North	51	244	227
South	353	101	301
East	20	260	15
West	204	249	343
Total ...	628	854	886

Additional Water Closets	1
Conversion of Privies into Water Closets... ...	None
Conversion of Pail Closets into Water Closets ...	None

SCHOOLS.

Number of Schools in the District	7
Number of Schools with Public Water Supply ...	7
Number of Schools with Water Closet accommodation	5
Number of Inspections carried out	14
Number of Defects discovered and dealt with ...	5

INFECTIOUS DISEASES.

Number of Inspections re cases of Infectious Disease	120
Number of sanitary defects discovered and dealt with	10
Number of notifications to Education Authorities re children attending school	104

FACTORIES & WORKSHOPS.

Number of Workplaces on Register	14
Number of Outworkers on Register	None
Number of Notifications received from H.M. Inspector and dealt with	3
Number of Inspections of Registered Factories and Workshops	20
Number of Defaults discovered and dealt with ...	6
Number of Workshops registered during year ...	2

BAKEHOUSES.

Number of Bakehouses on Register	4
Number of Notifications received from H.M. Inspector and dealt with	None
Number of Inspections of Bakehouses	10
Number of Defects discovered and dealt with ...	1
Number of Bakehouses registered during year ...	None

SLAUGHTERHOUSES.

Number of Private Slaughterhouses on register ...	9
Number of Registered Slaughterhouses	2
Number of Licensed Slaughterhouses	7
Number of Inspections of Slaughterhouses ...	35
Number of Defects discovered and dealt with ...	3

FOOD INSPECTIONS.

Number of Inspections of Food Stuffs	52
Number of Seizures of Unsound Food	2
Amount of Unsound Beef destroyed ...	...40 stone
Amount of Unsound Tinned Fruits destroyed ...	48 tins

OFFENSIVE TRADES.

Number of Offensive Trades on register	10
Number of Offensive Trades established during year	None
Number of Inspections of premises	29
Number of Defaults discovered and dealt with ...	3

DAIRIES, COWSHEDS & MILKSHOPS.

Number of Persons in the district registered as Milksellers	28
Number of registered Cowkeepers	24
Number of registered Purveyors	4
Number of Inspections carried out under the Orders	52
Number of Defects discovered and dealt with ...	8
Number of Persons registered during the year ...	None

COMMON LODGING HOUSES.

Number of Common Lodging Houses on register ...	1
Number of Lodgers accommodated	24
Number of Inspections of premises	4
Number of Defaults Discovered and dealt with ...	2

TENTS, VANS & SHEDS.

Number of Inspections carried out	10
Number of Nuisances discovered and dealt with ...	2

CINEMA THEATRES.

Number of Cinemas in the district	2
Number of Inspections of premises	4
Number of Defects discovered and dealt with ...	2

SURVEYOR'S REPORT FOR 1920.

To the Chairman and Members of the
Bolsover Urban District Council.

Gentlemen,

I have the pleasure to present the following Report on the various work carried out in the Engineer's & Highways Department during the year ending December 31st, 1920.

I am, Gentlemen,

Your obedient Servant,

SYDNEY HOTEN,

Surveyor.

Highways Dept.,
Council Office,
Bolsover,
May, 1921.

SURVEYOR'S REPORT FOR 1920.

HIGHWAYS.

29·125 Miles of Road are maintained by the Highways Department.

During the year the Roads have been severely taxed by the extra amount of heavy traffic passing over them ; especially Clowne Road, Chesterfield Road, and Shuttlewood Road, by the introduction of a Motor Bus Service.

Difficulty has been experienced in obtaining suitable materials for the repair and upkeep of roads, and to meet this the Council have had a test piece comprising 100 tons of Limestone obtained from Bolsover Moor Quarry laid on the Hillstown Road (with a view to further utilization if satisfactory) adjacent to a length of road constructed of Matlock Limestone. The test has proved quite satisfactory. No doubt the Council will now give the question of working a quarry under their own supervision, further consideration, in view of the success already attained, and the excessive cost of suitable road materials.

PRESERVATION OF HIGHWAYS.

Approximately 4 miles of Roads have been tar-painted during the year. This adds considerably to their life, whilst largely reducing the dust nuisance at the same time.

Road siding and opening outlets on the road side wastes, have been carried out continuously during the year.

STREET SCAVENGING.

The whole of the Roads in Bolsover, Carr Vale, Shuttlewood, Stanfree, and Whaley Village, have been swept weekly.

All street gulleys have been cleansed and disinfected at frequent intervals.

SEWAGE DISPOSAL WORKS.

The Sewage in the District is treated at the following Outfall Works :—

1. Old Bolsover Outfall Works,
2. Carr Vale Outfall Works,
3. Shuttlewood Outfall Works,
4. Shuttlewood No. 2 Outfall Works,
5. Stanfree Outfall Works,
6. Whaley Common Outfall Works.

Sewage is treated at the first four Outfall Works on the following system :—After a preliminary screening, the sewage enters detritus tanks. On leaving detritus tanks the sewage then enters septic tanks, and thence by gravitation flows into automatic sprinklers, which distribute the sewage evenly over clinker filter beds. At each of these works storm beds are provided which are underdrained.

WHALEY COMMON OUTFALL WORKS.

During the year the above works have been completed. The works were constructed by direct labour in accordance with design of Messrs. The Septic Tank Co., Ltd., Westminster, whose constructural specialities were used throughout.

EXTENSION OF SEWERS.

No extensions during year.

VENTILATION OF SEWERS.

None during year.

STOPPED DRAINS.

16 Blocked Drains have been cleansed at the request of owners of properties ; subject to a charge being made.

DRAINAGE IMPROVEMENTS.

Notices have been served on owners to provide sufficient drainage for properties comprising 33 houses in the district.

Works have been carried out to the drainage of these houses to make same sufficient for the effectual drainage thereof. In the carrying out of these works, 3 Cesspools have been dispensed with.

PUBLIC CONVENIENCE.

The Public Convenience has been regularly cleansed and disinfected daily.

WATER SUPPLY.

10 samples of private drinking waters were submitted for analysis during the year, and all were condemned by the Analyst.

The public water supply has been laid on to 3 houses in substitution of improper private supplies during the year. Public supply has also been laid on to 1 new dwelling house.

Notices have been served on owners to provide a sufficient water supply for properties comprising 6 houses in the district. Works have been carried to make the supply sufficient for such houses.

All the taps of dwelling houses situate in the Stanfree Area of the district have been re-washed, as required, to prevent waste of water.

HOUSING.

Plans of Dwelling Houses examined and approved	9
Number of Houses erected	1

MOORFIELD LANE HOUSING SCHEME.

Plans have been prepared for a Housing Scheme on the above site for 138 houses, and the same have been approved by the Housing Commissioner.

CHURCH STREET PROPERTY.

During the year considerable alterations to this property have been carried out by converting same into 2 houses. Most of the work has been done by direct labour.

FIRE STATION.

A New Fire Station has been built of sufficient size to meet all present requirements of the district. Works were carried out by direct labour.

STEAM ROLLER HOUSE.

During the year a Fireproof Steam Roller House has been erected. The structure is of steel framework with corrugated asbestos sheeting used as a covering. The concrete foundation and floors were constructed by your Council's own labour.

STREET LIGHTING.

The Public Lighting of the district has been maintained during the Winter months in accordance with prescribed lighting time table.

The total number of Street lamps in the district is 89 ; of these lamps 20 are automatically controlled.

MARKETS.

38 Stalls have stood in the Market place during the year, and the necessary fees have been collected.

STABLES.

The number of Horses belonging to the Council is seven ; six being stabled at Bolsover and one at Langwith.

One horse was purchased during the year.

Cleansing Superintendent's Report — for 1920. —

To the Chairman and Members of the Bolsover Urban District Council.

Gentlemen,

I have the honour to present to you the following Report of the work accomplished in the Cleansing Department during the year ending 31st December, 1920.

I am, Gentlemen,

Your obedient Servant,

WALTER ELLIS,

Cleansing Superintendent

Health Dept.,
Council Office,
Bolsover,
May, 1921.

Cleansing Superintendent's Report
— for 1920. —

NUMBER & TYPE OF REFUSE RECEPTACLES IN THE DISTRICT.

WARD.	No. of Dust Bins	No. of Dry Ashpits.	No. of Privies.	No. of Wet Ashpits.	No. of Pail Closets	No. of Cesspools.
North...	74	86	227	120	244	15
South...	147	90	301	183	101	11
East ...	225	21	15	15	260	3
West ...	207	179	343	126	249	2
	653	376	886	444	854	31

Additional Dust Bins during the year	7
Additional Pail Closets during the year	None
Additional Ashpits during the year	None
Additional Cesspools during the year	None

NUMBER OF REFUSE RECEPTACLES CLEANSED AND LOADS OF REFUSE COLLECTED & DISPOSED OF. (SHUTTLEWOOD AREA EXCLUDED)

No. of Dust Bins cleansed	23,228
No. of Dry Ashpits cleansed	2,264
No. of Wet Ashpits cleansed	2,004
No. of Pail Closets cleansed	32,212
No. of Cesspools cleansed	824
Total Loads of house refuse collected & disposed of	6,128

SCAVENGING AREAS OF THE DISTRICT.

No. 1 & 2 Area ...	Bolsover, New Bolsover & Carr Vale
No. 3 Area	Stanfree & Shuttlewood
No. 4 Area	Whaley

Scavenging undertaken by direct labour in all areas except for the Shuttlewood portion of No. 3 Area.

SITUATION OF COUNCIL'S DRY REFUSE TIPS.

No. 1 & 2 Area ...	One Tip at Limekiln Fields.
	One Tip at Byron Brickyard, Palterton
No. 3 Area... ...	One Tip at Clowne Road, Stanfree.
No. 4 Area... ...	One Tip at Langwith Road, Whaley.

All Tips treated with Virus against infestation by Rats.

DISPOSAL OF NIGHTSOIL.

Deposited on various farm-lands in the district.

CLEANSING TIME-TABLE.

Dust Bins cleansed every week.
Pail Closets cleansed every week.
Cesspools cleansed every week.
Dry Ashpits cleansed every four to seven weeks.
Wet Ashpits cleansed every four to seven weeks.

TABLES.

CAUSES OF DEATH (CIVILIANS) IN THE URBAN DISTRICT OF BOLSOVER DURING 1920.

Causes of Death	Males.	Females.
All Causes	64	67
Enteric Fever	1	
Measles	1	
Whooping Cough	1	1
Diphtheria and Croup	1	5
Pulmonary Tuberculosis	4	3
Tuberculous Meningitis	1	
Other Tuberculous Diseases	1	
Cancer, Malignant Disease	3	5
Organic Heart Disease	5	11
Bronchitis	4	8
Pneumonia (all forms)	4	5
Other Respiratory Diseases...	3	
Diarrhœa, &c. (under 2 years)	1	
Appendicitis and Typhlitis	1	
Cirrhosis of Liver		1
Nephritis and Bright's Disease	4	
Puerperal Fever		1
Parturition, apart from Puerperal Fever ...		2
Congenital Debility, &c.	7	4
Violence, apart from Suicide	3	2
Suicide	2	
Other defined diseases	17	19
Deaths of Infants under 1 year of age ...	15	8
Total Illegitimate	2	1
Total Births	209	198
Legitimate	198	192
Illegitimate	11	6

Population (for Births and Deaths) ... 11,484.

Factory & Workshop Acts.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES & HOMEWORK.

1.—INSPECTIONS.

PREMISES.	Inspections.	Written Notices.
Factories	5 ...	—
Workshops	25 ...	3
	30 ...	3

2. DEFECTS.

Particulars.	Found.	Remedied
Want of Cleanliness ...	3 ...	3
Sanitary Defects ...	1 ...	1
Sanitary Accommodation	2 ...	2
	6 ...	6

3.—HOME WORK.

There are no Outworkers in the District to which this Act applies.

3.—REGISTERED WORKSHOPS.

Number of Workshops on the Register at end of year—14

Number of Bakehouses on the Register at end of year...4

Birth-Rate, Death-Rate, & Analysis of Mortality during the Year 1920.

(Provisional figures. Provisional populations estimated to the middle of 1920 have been used for the purpose of this Table. The mortality rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns.

	Birth Rate per 1,000 Total Population.	Annual Death-Rate per 1,000 Population.									Rate per 1000 Births.		Percentage of Total Deaths.			
		All Causes	Enteric Fever	Small-Pox.	Measles	Scarlet Fever.	Whooping cough	Diphtheria.	Influenza.	Violence.	Diarrhœa and Enteritis. (under 2 years)	Total Deaths under 1 year.	Deaths in Public Institutions.	Certified Causes of Death.	Inquest Cases.	Uncertified Causes of Death
England and Wales- - - - - -	25·4	12·4	0·01	0·00	0·19	0·04	0·11	0·15	0·28	0·48	8·3	80	24·3	92·2	6·6	1·2
96 Great Towns, including London (Census Populations exceeding 50,000) - - -	26·2	12·5	0·01	0·00	0·22	0·04	0·14	0·16	0·31	0·43	10·4	85	31·3	92·2	7·1	0·7
148 Smaller Towns (Census Populations 20,000—50,000) - - - - - - -	24·[illegible]	11·3	0·02	0·00	0·19	0·03	0·10	0·14	0·27	0·38	7·8	80	16·5	93·2	5·3	1·5
London - - - - - - - - -	26·5	12·4	0·01	0·00	0·22	0·05	0·17	0·22	0·30	0·47	9·5	75	46·8	91·2	8·6	0·2

COUNTY OF DERBY. Year ending December 31st, 1920.

Table giving the Birth Rates and the Death Rates from several causes, in each of the URBAN Sanitary Districts of the County.

URBAN SANITARY DISTRICT.	MEDICAL OFFICER OF HEALTH.	AREA in acres (Land and Water).	CENSUS 1911. Total number of Private Families.	CENSUS 1911. Percentage of Tenements Overcrowded	POPULATION. Census. 1901	POPULATION. Census. 1911	POPULATION. Estimated to middle of 1920.	BIRTHS.	DEATHS.	Annual Rates per 1,000 of Estimated Population. Birth Rate.	Death Rate.	Zymotic Death Rate.	Death Rate from Enteric Fever and Diarrhœal Diseases.	Phthisis Death Rate.	Respiratory Death Rate.	Infantile Death Rate per 1,000 Births
ALFRETON	S. O. Bingham, M.R.C.S.	4,626	4,130	2·13	17,505	19,046	19,138	586	229	30·62	11·96	1·46	·10	·21	1·72	80·20
ALVASTON AND BOULTON	C. F. Druitt, M.R.C.S., L.R.C.P.	1,591	332	·30	1,279	1,398	1,586	48	11	30·27	6·93	...	...	...	...	83·33
ASHBOURNE	E. A. Sadler, M.D.	573	930	4 40	4,039	4,059	3,867	111	46	28·70	11·89	·26	...	1·55	·77	54·05
BAKEWELL	C. W. Evans, M.B.	3,061	649	1·84	2,877	3,078	2,790	65	29	23·30	10·39	·71	·36	·71	1·79	61·55
BASLOW AND BUBNELL	T. Fentem, M.D., D.P.H.	5,634	194	1·54	797	858	846	7	15	8·27	17·73	...	...	..	...	142·85
BELPER	R. G. Allen, M.R.C.S.	3,183	2,506	2·11	10,934	11,640	11,561	332	133	28·72	11·50	·26	·08	·26	2·50	87·35
BOLSOVER	W. Stratton, L.R.C.P.I.	4,955	2,128	4·23	6,844	11,214	11,484	407	131	35·44	11·41	·95	·17	·61	2·09	56·51
BONSALL	A. G. Harvey, M.B.	2,477	299	2·67	1,360	1,248	1,111	19	9	17·10	8·10	...	...	...	...	...
BRAMPTON AND WALTON	R. A. McCrea, M.B.	9,734	490	1·42	2,168	2,125	2,183*	56	27	25·66	12·37	...	...	1·83	·91	142·85
BUXTON (Borough)	T. B. Flint, M.R.C.S.	1,310	1,941	2·06	10,181	10,024	16,229	258	150	15·90	9·24	·18	·06	·43	1·54	42·64
CHESTERFIELD (Borough)	R. Fraser, M.B., D.P.H.	2,643	7,711	2 39	32,335	37,406	42,569*	1.181	651	27·74	15·29	1·29	·16	1·10	3·92	123·64
CLAY CROSS	N. A. K. Sparrow, L.R.C.P.I.	1,467	1,756	5·41	8,358	8,365	9,133	327	114	35·80	12·48	1·31	·11	·11	2·73	85·64
DRONFIELD	O. H. Hudson, M.R.C.S.	1,045	939	2·34	3,809	3,943	4,338	109	62	25·12	14·29	1·38	·23	·46	5·53	110·10
GLOSSOP (Borough)	D. J. Mackenzie, M.D.	3,052	5,188	2·42	21,526	21,688	20,837	417	276	20·01	13·24	·28	·14	·81	2·25	64·75
HEAGE	N. C. Boyle, L.R.C.P.	2,367	724	2·90	2,889	3,474	4,462	100	29	22·41	6·50	·44	...	...	1·34	30·00
HEANOR	W. H. Turton, M.B.	3,509	4,230	2·00	16,249	19,851	21,716	585	213	26·94	9·81	1·15	·18	·69	1·33	70·10
ILKESTON (Borough)	J. A. Watt, M.B., D.P H.	2,526	6,487	2·82	25,384	31,657	32,566	929	383	28·53	11·76	1·13	·33	·58	3·41	96·89
LONG EATON	F. W. Bloomer, M.R.C.S.	2,099	4,163	·60	13,045	19,207	20,840	464	192	22·26	9·21	·24	...	·33	1·15	60·35
MATLOCK	E. Crarer, M.B.	4,205	1,409	1·98	5,979	6,745	6,794	132	89	19·43	13·10	...	...	1·17	1·47	68·18
MATLOCK BATH	G. Harvey, L.R.C.P.I.	335	426	1·40	1,819	1,802	1,659	32	28	19·29	16·88	1·81	...	...	1·20	125·00
NEW MILLS	J. E. Anderton, M.R.C.S.	5,204	2,036	3·72	7,773	8,998	8,480	174	100	20·52	11·79	·47	·47	·71	1·53	63·22
NORTH DARLEY	S. E. Morton, M.R.C.S.	5,142	700	1·28	2,756	3,317	3,044	71	38	23·33	12·48	·33	...	·65	·98	28·17
RIPLEY	G. W. W. Ashdown, M.D.	2,815	2,532	1·57	10,111	11,848	13,656	346	139	25·34	10·18	·44	·14	·29	1·68	57·81
SOUTH DARLEY	J. L. Fletcher, M.B.	2,008	192	2·08	788	809	799	12	9	15·02	11.26	...	...	...	2·50	83·33
SWADLINCOTE	S. T. Cochrane, M.D.	3,670	3,904	2·99	18,014	18,674	19,807	562	199	28·38	10·05	·85	·10	·40	1·61	74·73
WHITTINGTON AND NEWBOLD	W. D. Carruthers, M.B., D.P.H.	4,179	3,566	3·81	15,015	17,213	15,846*	571	251	36·03	15·84	·82	·31	·94	4·35	115·60
WIRKSWORTH	A. E. Broster, M.R.C.S.	3,027	976	2·97	3,807	3,888	3,455	100	45	28·94	13·02	...	...	·86	1·73	90·00
TOTAL		89,894	61,448	2·54	250,610	287,689	300,796	8,001	3,598	26·60	11·96	·79	·15	·62	2·37	84·00

*Subject to correction

TABLE II.—continued.

COUNTY OF DERBY. Year ending December 31st, 1920.

Table giving the Birth Rates and the Death Rates from several causes, in each of the RURAL Sanitary Districts of the County.

RURAL SANITARY DISTRICT.	MEDICAL OFFICER OF HEALTH.	AREA in Acres (Land and Water).	CENSUS, 1911.		POPULATION.			BIRTHS.	DEATHS.	ANNUAL RATES PER 1,000 OF ESTIMATED POPULATION.						Infantile Death Rate per 1,000 Births.
			Total Number of Private Families.	Percentage of Tenements Overcrowded	Census 1901.	Census 1911.	Estimated to middle of 1920.			Birth Rate.	Death Rate.	Zymotic Death Rate.	Death Rate from Enteric Fever and Diarrhœal Diseases.	Phthisis Death Rate.	Respiratory Death Rate.	
ASHBOURNE	H. H. Hollick, M.R.C.S.	70,380	2,337	2·09	10,441	10,294	10,492	256	112	24·40	10·67	·09	...	·47	·85	35·16
BAKEWELL	T. Fentem, M.D., D.P.H.	84,233	4,835	2·46	18,645	20,257	18,423	424	267	23·01	14·49	·59	...	·59	1·63	58·97
BASFORD	W. H. Parkinson, M.B., D.P.H. ...	3,569	309	1·29	1,590	1,450	1,523	31	21	20·35	13·79	...	...	...	1·97	32·26
BELPER	R. Morrison, L.R.C.P. & S.	50,357	5,125	2·30	22,478	23,586	23,105	549	225	23·76	9.74	·21	·13	·78	1·51	78·33
BLACKWELL	J. O. Littlewood, M.R.C.S., D.P.H.	21,237	7,570	4·26	28,748	39,306	38,827	1,387	508	35·73	13·08	1·21	·62	·51	3·06	118·98
CHAPEL-EN-LE-FRITH	W. T. Hannah, M.D., D.P.H. ...	78,723	3,591	2·97	13,328	16,557	15,601	285	159	18·27	10·19	·19	·06	·45	1·28	45·61
CHESTERFIELD	H. Peck, M.D., D.P.H.	68,986	15,101	3·41	64,327	72,277	74,148*	2,408	896	32·48	12·08	1·20	·36	·47	2·69	92·61
CLOWN	W. Spencer, L.R.C.P.	13,428	3,506	2·93	11,907	17,844	17,510	546	170	31·18	9·71	·80	·23	·62	1·71	82·41
GLOSSOP DALE	D. J. Mackenzie, M.D.	17,891	983	·81	4,151	4,009	3,750	57	34	15·20	9·06	·27	...	·80	1·33	17·55
HARTSHORNE AND SEALS	R. W. Logan, M.R.C.S.	11,479	1,716	2·27	6,988	7,939	8,133	227	60	27·91	7·38	·12	...	·49	·49	39·65
HAYFIELD	G. B. Pemberton, M.B.	10,282	1,144	2·79	3,832	5,170	4,106	77	50	18·75	12·18	·48	·24	·73	2·19	51·95
NORTON	A. K. Gale, M.R.C.S....	8,738	921	2·06	3,348	3,919	4,242	94	46	22·16	10·84	·47	·23	·70	2·36	42·56
REPTON (with County Asylum) ...	P. D. Minchin, L.R.C.P.	54,273	3,350	2·08	15,227	16,133	14,944	369	160	24·69	10·71	·13	·07	·40	1·81	70·47
,, (without County Asylum) ...		...	...	...	14,605	15,246	...	...	...	...	...	...	...	...	...	...
SHARDLOW	S. Hunt, M.R.C.S.	44,358	7,070	1·35	26,629	30,900	32,024	803	318	25·08	9·93	·43	·06	·65	1·31	64·75
SUDBURY	G. H. Herbert, M.R.C.S.	17,299	584	·85	2,547	2,683	2,652	58	33	21·87	12·44	...	...	...	·75	51·72
RURAL DISTRICTS		555,233	58,142	2·76	234,236	272,324	269,480	7,571	3,059	28·10	11·35	·71	·23	·54	2·02	82·29
URBAN DISTRICTS		89,864	61,448	2·54	250,610	287,689	300,796	8,001	3,598	26·60	11·96	·79	·15	·62	2·37	84·00
WHOLE COUNTY		645,097	119,590	2·65	484,846	560,013	570,276	15,572	6,657	27·31	11·67	·75	·19	·58	2·20	83·16

*Subject to correction.